DYNATRON CORPORATION

NEW PRODUCT SPEC SHEET

Part Number: G199

- For Intel® Nehalem Processor, Socket LGA 1366
- Active Cooler For 1U Server
- RoHS Compliant

Overall Specification:

- Dimension: 90.0mm x 90.0mm x 27.8mm
- Weight: 475g ±5g
- Material: Copper Heatsink with Skiving Fins
- Captive mounting design
- Back Plate is not included
- Thermal Grease TIG830SP Pre-printed

Blower Specification:

- 7015 Aluminum Blower
- Dimension: 70mm x 70mm x 16mm
- Rated Speed:
  - At Duty Cycle 20%: 1100± 10%RPM
  - At Duty Cycle 50%: 2600± 10%RPM
  - At Duty Cycle 100%: 6000± 10%RPM
- Bearing: 2X Ball
- Rated Voltage: 12V
- Input Power:
  - At Duty Cycle 20%: 0.6W
  - At Duty Cycle 50%: 1.2W
  - At Duty Cycle 100%: 8.76W
- Maximum Airflow:
  - At Duty Cycle 20%: 2.45 CFM
  - At Duty Cycle 50%: 5.80 CFM
  - At Duty Cycle 100%: 14.32 CFM

- Acoustical Noise:
  - At Duty Cycle 20%: 19.1 dBA
  - At Duty Cycle 50%: 34.2 dBA
  - At Duty Cycle 100%: 53.8 dBA
- Lead Wire Pin Out:
  - Pin#1-Black(-)
  - Pin#2- Yellow(+)
  - Pin#3- Green(Tachometer/ Signal Output)
  - Pin#4- Blue (PWM)

Cooler G199, Thermal Performance VS. Blower Acoustical Level Chart :